EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|---|---------------------|---------|---------------------|
| L16 | 124 | (multiple two many) near2 fieldbuses | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 08:33 |
| L17 | 124 | (multiple two many) near2 "fieldbuses" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 08:35 |
| L18 | 93 | I16 and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 08:35 |
| L19 | 10 | (multiple two many) near2 fieldbuses | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 09:14 |
| L20 | 0 | (fieldbus near2 interconnection) and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 11:33 |
| L21 | 3 | (fieldbus near2 interconnection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 11:36 |
| L22 | 20 | (fieldbus near2 interconnect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 11:39 |

| L23 | 20 | (fieldbus near2 interconnect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 11:39 |
|-----|------|---|---|----|-----|---------------------|
| L24 | 2 | ("7436797").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 12:05 |
| L25 | 3858 | (702/182-183).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/20 12:27 |
| L26 | 2075 | l25 and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 12:27 |
| L27 | 1284 | l26 and (fieldbus field \$1bus network\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 12:28 |
| L29 | 14 | (gunter near2 rogoll).inv. (renato near2 kitchener). inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 13:05 |
| L31 | 3 | (fieldbus and power and signal and injection and mode).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 13:10 |
| L32 | 8 | (fieldbus and power and signal and mode).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/20 13:12 |
| S1 | 2 | (("5831805") or ("5757265") or ("2002169582")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/29 09:39 |

| 82 | 2 | ("2002169582").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 09:39 |
|-----------|------|--|---|----|-----|---------------------|
| 83 | 0 | ("200200169582").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 09:39 |
| S4 | 2 | ("20020169582").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 09:39 |
| S5 | 3 | fieldbus and (power near3 supply) and transceiver and trunk and signal and mode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 09:53 |
| S6 | 70 | fieldbus and (power near3 supply) and transceiver and signal and mode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/29 10:01 |
| S7 | 1314 | (702/183).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 08:51 |
| S8 | 0 | ("WO9945621").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 08:52 |
| S9 | 3 | ("9945621").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 08:52 |

| S10 | 11 | (US-20020169582-\$ or US-20070010968-\$ or US-20060097860-\$ or US-20030144817-\$ or US-20040073402-\$).did. or (US-5831805-\$ or US-5757265-\$ or US-7099797-\$ or US-7233877-\$).did. or (WO-9945621-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2007/08/30 11:30 |
|-----|------|---|---|----|-----|---------------------|
| S11 | 5 | S10 and (noise jitter ripple bias ring\$3 distortion attenuation cross\$1talk unbalance) | US-PGPUB; USPAT; EPO | OR | ON | 2007/08/30 12:45 |
| S12 | 0 | S10 and fourier | US-PGPUB; USPAT; EPO | OR | ON | 2007/08/30 12:40 |
| S13 | 5413 | (702/182-185,58,116-118). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 12:44 |
| S14 | 128 | S13 and (field\$1bus (field adj bus)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 12:45 |
| S15 | 76 | S14 and (noise jitter ripple bias ring\$3 distortion attenuation cross\$1talk unbalance) | US-PGPUB; USPAT; EPO | OR | ON | 2007/08/30 12:55 |
| S16 | 3 | (test diagnostic) and (fieldbus near2 board) and trunk and (bulk near2 (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 09:59 |
| S17 | 3 | (test diagnostic) and (fieldbus near2 board) and (bulk near2 (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:00 |
| S18 | 9 | (test diagnostic) and fieldbus and (bulk near2 (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:00 |

| S19 | 11 | (test diagnostic) and (fieldbus field\$1bus (field adj bus)) and (bulk near2 (power supply)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:05 |
|------|-----|---|---|----|-----|---------------------|
| \$20 | 37 | (("5319576") or ("5438882") or ("5663504") or ("5854994") or ("5895857") or ("5907491") or ("5965819") or ("6017143") or ("6507804") or ("6549869") or ("6738697") or ("6889553") or ("6950766") or ("7034711") or ("20030030565") or ("20030200060") or ("20040019461") or ("20040098911") or ("20040250623") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/16 10:12 |
| S21 | 418 | (fieldbus field\$1bus (field adj bus)) and (physical near2 layer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:27 |
| S22 | 318 | S21 and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:27 |
| S23 | 253 | S22 and (test diagnostic evaluat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:28 |
| S24 | 4 | S22 and ((test diagnostic evaluat\$3) with (physical near2 layer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:28 |

| S25 | 9 | ("6014612" "6298454" "6424872" "6564268"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 10:48 |
|-------------|-----|---|---|----|----|---------------------|
| S26 | 78 | (physical near2 layer) and (fieldbus field\$1bus (field adj bus)) and differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 13:44 |
| S27 | 9 | (physical near2 layer) and (fieldbus field\$1bus (field adj bus)) and (differential with (injection injected detection detected diagnostic diagnos\$3 test)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 13:44 |
| \$28 | 21 | (US-20070010968-\$ or US-20040073402-\$ or US-20030144817-\$ or US-20020169582-\$ or US-20020010562-\$ or US-20070124111-\$ or US-20080082296-\$ or US-20030200060-\$ or US-20050182501-\$).did. or (US-5831805-\$ or US-7233877-\$ or US-7099797-\$ or US-6859755-\$ or US-5757265-\$ or US-5757265-\$ or US-55511223-\$ or US-5854994-\$ or US-6424872-\$ or US-6564268-\$).did. or (WO-9945621-\$ or WO-2005041484-\$).did. or (WO-2005041484-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OZ | 2009/06/16 |
| S 29 | 8 | S28 and ethernet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 13:51 |
| S30 | 128 | (fieldbus field\$1bus (field adj bus)) and (differential with (injection injected detection detected diagnostic diagnos\$3 test)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 13:59 |

| S31 | 83 | S30 and (noise ripple leakage jitter ringing bias) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 14:00 |
|-------------|-----|--|---|----|----|---------------------|
| S32 | 10 | (fieldbus field\$1bus (field adj bus)) and diagnostic and ("RS-422" "RS-485") and ("RS-232") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 14:08 |
| S33 | 54 | (fieldbus field\$1bus (field adj bus)) and (("RS-422" "RS-485") with ("RS- 232")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 14:52 |
| S34 | 59 | (fieldbus field\$1bus (field adj bus)) and (common with differential) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 14:57 |
| S 35 | 47 | (fieldbus field\$1bus (field adj bus)) and (common with differential) and (test diagnostic diagnos\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 14:57 |
| S36 | 139 | (fieldbus field\$1bus (field adj bus)) and ((noise jitter leak leakage ripple) with (test diagnostic diagnos \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 15:07 |
| S 37 | 0 | ((GUNTER) near2 (ROGOLL)).INV. | USPAT | OR | ON | 2009/06/17 07:28 |
| S38 | 1 | ((GUNTER) near2 (ROGOLL)).INV. | US-PGPUB; USPAT | OR | ON | 2009/06/17 07:28 |
| S39 | 0 | ((GUNTER) near2 (ROGOLL)).INV. | USPAT; USOCR | OR | ON | 2009/06/17 07:28 |
| S40 | 1 | ((GUNTER) near2 (ROGOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/17 07:28 |
| S41 | 1 | ((GUNTER) near2 (ROGOLL)).INV. | US-PGPUB | OR | ON | 2009/06/17 07:28 |
| S42 | 0 | ((GUNTER) near2 (ROGOLL)).INV. | USOCR | OR | ON | 2009/06/17 07:28 |
| S43 | 0 | ((GUNTER) near2 (ROGOLL)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/06/17 07:28 |

| S44 | 0 | ((RENATO) near2 (KITCHENER)).INV. | USPAT | OR | ON | 2009/06/17 07:30 |
|-----|---|---------------------------------------|---------------------------|----|----|---------------------|
| S45 | 4 | ((RENATO) near2 (KITCHENER)).INV. | US-PGPUB; USPAT | OR | ON | 2009/06/17 07:30 |
| S46 | 0 | ((RENATO) near2 (KITCHENER)).INV. | USPAT; USOCR | OR | ON | 2009/06/17 07:30 |
| S47 | 4 | ((RENATO) near2 (KITCHENER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/17 07:30 |
| S48 | 4 | ((RENATO) near2 (KITCHENER)).INV. | US-PGPUB | OR | ON | 2009/06/17 07:30 |
| S49 | 0 | ((RENATO) near2 (KITCHENER)).INV. | USOCR | OR | ON | 2009/06/17 07:30 |
| S50 | 8 | ((RENATO) near2 (KITCHENER)).INV. | EPO; JPO; DERWENT | OR | ON | 2009/06/17 07:30 |
| S51 | 4 | \$38 \$40 \$41 \$45 \$37 \$48 \$50 | US-PGPUB | OR | ON | 2009/06/17 07:32 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------|-------------------------|---------|------------------|
| L28 | 111 | (702/182-183).CCLS. | UPAD | OR | OFF | 2009/11/20 12:53 |
| L30 | 0 | (gunter near2 rogoll). inv. (renato near2 kitchener).inv. | USPAT; UPAD | OR | ON | 2009/11/20 13:06 |
| L33 | 2 | (fieldbus and power and signal and mode). clm. | USPAT; UPAD | OR | ON | 2009/11/20 13:14 |

11/20/2009 1:19:15 PM

 $\textbf{C:} \ \textbf{Documents and Settings} \ \textbf{jmoffat} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10574555.wsp}$